

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS**

Date of Report: July 31, 1995
Date Received: July 27, 1995
Project: #7238, Metro 24 Hr. (ACW), PO M60018
Date Samples Extracted: July 28, 1995
Date Extracts Analyzed: July 28, 1995

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR CHROMIUM, COPPER, NICKEL AND ZINC
Samples Processed Using Method 3005
per Washington DOE Guidelines
Results Reported as mg/L (ppm)**

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M60018 A Discharging	0.87	0.42	0.61	<0.05
M60018 B Not Discharging	0.93	0.62	0.85	0.09
<u>Quality Assurance</u>				
Blank	<0.05	<0.05	<0.05	<0.05
M60018 B Not Discharging (Duplicate)	0.93	0.67	0.83	0.08
M60018 B Not Discharging (Matrix Spike) % Recovery	95%	95%	95%	94%
M60018 B Not Discharging (Matrix Spike Duplicate) % Recovery	94%	95%	95%	97%
Spike Blank % Recovery	99%	99%	99%	98%
Spike Level	5	5	10	5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

July 31, 1995

Gerald Thompson, Project Leader
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

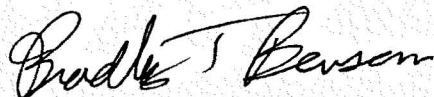
Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on July 27, 1995 from your project #7238, Metro 24 Hr. (ACW), PO M60018.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Bradley T. Benson
Chemist

jdp
Enclosures

ACU0731R

AKC-0012707

FRIEDMAN & BRUYA, INC.
3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282

SAMPLE CHAIN OF CUSTODY

BTB AI
7-27-95 Jan
2:30pm

Send Report To:

Company Alaskan Copper Works Contact Jerry Thompson
Address 628 S HANFORD
City, State, Zip SEATTLE, WA 98134
Phone # 206-5800 EXT 529 Date 7/27/95

SITE NO.	PROJECT NAME	PURCHASE ORDER #
7238	Metro ^{24HR} (ACW)	M 60018
SAMPLERS (signature)		PROJECT LOCATION
Sandra King		3200 6th AVE S
REMARKS		SAMPLE DISPOSAL INFORMATION
		<input type="checkbox"/> Dispose after 30 days <input checked="" type="checkbox"/> Return Samples <input type="checkbox"/> Call for Instructions

Sample #	Date/Time Sampled	Type of Sample	# of Jars	Lab Sample #	Analyses Requested
M 60018 A	7/27/95	Azo	1	60799	CR CU NI ZN
Discharging	1:00 PM				
M 60018 B	7/27/95				
NOT Discharging	1:00 PM	H2O	1	60800	CR CU NI ZN

SIGNATURE	PRINT NAME	COMPANY	Date	Time
Relinquished by: Sandra King	SANDRA KING	Alaskan Copper Works	7/27/95	2:18 PM
Received by: John P. Wright	John P. Wright	F + B Inc	7-27-95	2:18 PM
Relinquished by:				
Received by:				

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DUPLICATE COPY

July 31, 1995

INVOICE # 95ACU0731-2

**Alaskan Copper Works
628 South Hanford
Seattle, WA 98134**

**RE: Project #7238, Metro 24 Hr. (ACW), PO M60018: Results of testing requested
by Gerald Thompson, Project Leader for material submitted on July 27, 1995.**

**2 water samples analyzed for Chromium, Copper,
Nickel and Zinc @ \$65 per sample**

\$ 130.00

Amount Due

\$ 130.00